

A1
cont. Methods Using Hard Magnetic Carrier Particles", filed May 11, 2001, the disclosure of which is incorporated herein by reference in its entirety.

IN THE CLAIMS

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Please cancel claims 1-18, without prejudice or disclaimer.

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Please add the following new claims 36-47:

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36. (New) An electrostatic dry developer composition for use in the development of electrostatic latent images using a magnetic applicator having a sleeve and a magnetic core which rotate with respect to each other, the developer composition comprising a mixture of charged toner particles having an initial Q/m value and oppositely charged carrier particles comprised of a hard magnetic material, the toner particles having dispersed on the outer surfaces thereof silica particles having a BET surface area of greater than about 50 m²/g in an amount sufficient to maintain a Q/m value of at least 50% of the initial Q/m value as the developer composition is used in the electrographic process.
37. (New) The developer composition of Claim 36 wherein the silica particles are present in an amount sufficient to maintain a Q/m value for the toner of at least 90% of the initial Q/m value.
38. (New) The developer composition of Claim 36 wherein the silica particles are present in an amount sufficient to maintain a Q/m value greater than the initial Q/m value.
39. (New) The developer composition of Claim 36 wherein the silica particles are present in an amount of from about 1.2 to about 5 weight percent, based on total weight of the toner particles.
40. (New) The developer composition of Claim 36 wherein the silica particles are present in an

amount of from about 1.2 to about 2 weight percent, based on total weight of the toner particles.

41. The developer composition of Claim 36 wherein the silica particles are present in an amount of from about 1.2 to about 1.7 weight percent, based on total weight of the toner particles.
42. (New) An electrostatic dry developer composition for use in the development of electrostatic latent images using a magnetic applicator having a sleeve and a magnetic core which rotate with respect to each other, the developer composition comprising a mixture of charged toner particles and oppositely charged carrier particles comprised of a hard magnetic material, the toner particles having dispersed on the outer surfaces thereof silica particles having a BET surface area of greater than about 50 m²/g in an amount sufficient to maintain a toner dust level of less than about 5 g/hr.
43. (New) The developer composition of Claim 42 wherein the silica particles are present in an amount sufficient to maintain a toner dust level of less than about 0.5 g/hr.
44. (New) The developer composition of Claim 42 wherein the silica particles are present in an amount sufficient to maintain a toner dust level of less than about 0.1 g/hr.
45. (New) The developer composition of Claim 42 wherein the silica particles are present in an amount of from about 1.2 to about 5 weight percent, based on total weight of the toner particles.
46. (New) The developer composition of Claim 42 wherein the silica particles are present in an amount of from about 1.2 to about 2 weight percent, based on total weight of the toner particles.
47. The developer composition of Claim 42 wherein the silica particles are present in an amount